# ATTACHMENT A

## VIII. TYPE OF TELECOMMUNICATIONS SERVICES TO BE OFFERED

NextGen seeks certification so that it may aggregate and transport emergency local, VoIP, telemetric, PBX, and mobile E9-1-1 traffic, manage and transmit location and calling number data, and provide call routing management for the delivery of emergency calls to PSAPs throughout Hawaii. NextGen's services are used by large wireless carriers, VoIP providers, cable TV system operators who provide telecommunications services and/or VoIP, telemetric operators, PBX users, and mobile voice service providers. NextGen does not provide long distance voice toll services or local exchange voice dial tone services and does not intend to provide such services. However, in order to aggregate and transport emergency calls, NextGen will require the same sort of interconnection and collection made available to certificated Competitive Local Exchange Carriers ("CLECs").

In addition, certification will enable NextGen to acquire and manage pANI numbering resources, which are essential to routing emergency calls, pursuant to the Federal Communications Commission's ("FCC's") directive of September 8, 2006 which states that CLEC certification is now required for pANI management. Furtherance of this FCC objective and of the availability of competitive sources for emergency call routing and management are in the public interest.

## X. TYPE OF EQUIPMENT TO BE EMPLOYED

NextGen is technically qualified to provide the proposed local exchange and interexchange services in Hawaii. NextGen's management team has extensive management and telecommunications experience. TCS is a leading provider of E9-1-1 location and routing services in the United States. TCS provides a variety of telecommunications products and services internationally to approximately 42 wireless carriers including Short Message Service ("SMS") messaging, Wireless Internet Gateway, satellite communications, information technologies ("IT") management services, and location based services. NextGen's expertise in E9-1-1 has been developed over the last 9 years in the wireless industry, providing E9-1-1 service to wireless carriers. In that capacity, NextGen has developed a knowledge base and hands-on experience in managing wireless automatic location identification ("ALI") databases, establishing ALI circuits, provisioning ALI databases and selective routers, and provisioning voice and data circuits to a wide variety of selective routers. As a Mobile Positioning Center ("MPC") vendor, NextGen is familiar with Public Safety Answering Point ("PSAP") messaging, ALI screen formatting, and all messaging related to Phase 1 and Phase 2 wireless E9-1-1 deployments. In addition, TCS provides Assisted Global Positioning System ("AGPS") Positioning Determining Entity ("PDE") service for E9-11 Phase 2 and hosts the Wide Area Reference Network ("WARN") used by virtually all AGPS users in the United States.

TCS monitors its hardware and 24x7 in the state-of-the-art TCS Network Operations Center ("NOC") located in Seattle, WA with a duplicate active redundant backup NOC in Phoenix, AZ, and a standby NOC in Annapolis, MD. The NOC monitors an average of

approximately 140,000 E9-1-1 calls per day with a network availability rate in excess of 99.999%. The NOC maintains direct communications with PSAPs, local exchange carriers NOCs and the NOCs of our wireless customers. TCS manages trouble tickets according to strict Service Impairment Levels that mandate escalation according to the nature and extent of the problems. TCS has years of experience supporting the 9-1-1 call routing process and the selective routing switches of any 9-1-1 provider in the country. TCS currently supports switch updates and/or external selective routing database ("SRDB") functionality to the following equipment:

- Lucent 5ESS
- Lucent ECP
- Nortel DMX
- Ericsson

NextGen provides a 24/7/365 NOC accessible via a toll free number, (800) 959-3749. NextGen is ISO 9001 certified and TL9000 certified. Sophisticated escalation matrices exist to ensure prompt resolution of outages. Applicant will report outages to the Federal Communications Commission per established guidelines.

## XIII. APPLICANT'S FITNESS, WILLINGNESS AND ABILITY TO RENDER PROPOSED SERVICE AND CONFORM WITH TERMS, CONDITIONS AND RULES OF THE PUBLIC UTILITIES COMMISSION

As other responses demonstrate, NextGen possesses both the technical and financial ability to provide the requested service. NextGen is willing to conform to the applicable terms, conditions and rules of this Commission. NextGen is currently certified in California, Florida, Minnesota, Tennessee, Texas, Iowa, Michigan, Utah, Virginia, Indiana, Illinois, Massachusetts, Oregon and Washington. NextGen has applications pending in Nebraska and North Carolina. NextGen has never had an application denied or certificate revoked.

# EXHIBIT 1